



NovaLiner® 16 7.2 OZ GEOMEMBRANE



NOVA LINER®



PRODUCT DESCRIPTION

A medium weight fabric incorporating a new coating recipe designed to improve toughness and abrasion resistance.

RECOMMENDED APPLICATIONS

Interim Landfill Covers, Liners, Misc. Covers

PRODUCT DIMENSIONS

Cores 4 inch I.D. or 5 inch I.D. available (10 cm or 13 cm)
Width Up to 150 in (381 cm) (-0, +0.5) as ordered
Length Minimum 250 yds/roll (229 m); up to 1000 yds/roll (914 m)

PRODUCT SPECIFICATIONS

Weave Woven black HDPE scrim
Coating LDPE, 2.5 mil average each side (59 g/m²/side)
Color White, black or other colored coatings available
Weight 7.2 oz/yd² (244 g/m²) ± 5%



Certified to
NSF/ANSI 61

These values are typical data and are not intended as limiting specifications.

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PERFORMANCE PROPERTIES

The following data are typical values based on ASTM standard tests. This data should not be considered specification.

Thickness ASTM D1777	Nominal 16 mil (0.40 mm), ± 10%
Grab Tensile (N) ASTM D7004	MD 210 lb (932) TD 190 lb (844)
Strip Tensile (N/5cm) ASTM D7003	MD 135 lb/in (1199) TD 130 lb/in (1154)
Tongue Tear—large scale (N) ASTM D5884	MD 60 lb (266) TD 60 lb (266)
Mullen Burst ASTM D751	375 psi (2584 kPa)
MVTR ASTM E96 Proc. BW	0.24 g/m ² ·24hr (0.03 perms)
Hydraulic Conductivity (Permeability) Calculated from MVTR	5.42 x 10 ⁻¹⁵ cm/s
Hydrostatic Resistance ASTM D751	97 psi (668 kPa)
Puncture Resistance ASTM D4833	113 lb (502 N)
CBR Static Puncture ASTM D6241	922 lb (4094 N)
Carbon Black Content ASTM D4218	3 %
Dimensional Stability ASTM D1204	MD -2.3% TD -2.0%
Low Temperature Flex ASTM D2136	MD & TD: Pass @ -40°C (-40°F)
HP-OIT ASTM D5885 (Measured on coating formulation)	2122 minutes
Accelerated UV Weatheringⁱ ASTM G151 ASTM G154	>90% strength retention after 2000 hrs exposure @ 0.77 W/m ² /nm, or 1200 hrs exposure @ 1.35 W/m ² /nm

MD = Machine Direction. TD = Transverse Direction.

ⁱ Q.U.V [A-340 Lamps]; 8 hrs UV @ 60°C; 4 hrs condensation @ 50°C



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PROUD MEMBER



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